Electronic Acknowledgement Receipt				
EFS ID:	5174569			
Application Number:	10748032			
International Application Number:				
Confirmation Number:	6749			
Title of Invention:	Broadcast/multicast services in communications networks			
First Named Inventor/Applicant Name:	Mang Zhu			
Customer Number:	20280			
Filer:	Roland K. Bowler/Becky Check			
Filer Authorized By:	Roland K. Bowler			
Attorney Docket Number:	CS23259RL			
Receipt Date:	17-APR-2009			
Filing Date:	30-DEC-2003			
Time Stamp:	15:19:45			
Application Type:	Utility under 35 USC 111(a)			

Payment information:

Submitted with Payment	yes
Payment Type	Deposit Account
Payment was successfully received in RAM	\$180
RAM confirmation Number	1401
Deposit Account	502117
Authorized User	

 $The\ Director\ of\ the\ USPTO\ is\ hereby\ authorized\ to\ charge\ indicated\ fees\ and\ credit\ any\ overpayment\ as\ follows:$

Charge any Additional Fees required under 37 C.F.R. Section 1.17 (Patent application and reexamination processing fees)

Charge any Additional Fees required under 37 C.F.R. Section 1.19 (Document supply fees)

Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
Information Disclosure Statement (IDS) Filed (SB/08)		CS23259RL_IDS.PDF	604172	no	4
	C323235NL_ID3.1 D1	b868b6f4c8060f20f0490d915a82a7cec693 4bec	110		
Warnings:					
Information:					
2 Foreign Reference	CS23259RL_EP1213939A1.PDF	277476	no	12	
	o.e.ge.e.e.e		20123b4c99a761ec46f2d6fa688ce99bc358 126d		
Warnings:					
Information:					
3 Foreign Reference	Foreign Reference	CS23259RL_WO2004017581A1. PDF	1456960	no	38
	,		25b6abf11bbac4a5240cfb485eaa1c19437a 98b9		
Warnings:					
Information:					
4 Foreign Reference	Foreign Reference	CS23259RL_WO2004088997A2	1038447	no	28
	A3.PDF	47b42ab84320758f39426d165b2b40a4db 951065			
Warnings:					
Information:					
5 NPL Documents	NPL Documents	CS23259RL_XP002275699.PDF	103801	no	2
		fdd685f7dd9aa8836fe8de684addf92536a1 1a4a			
Warnings:					
Information:					
6 NPL Documents	NPL Documents	CS23259RL_XP002275700.PDF	121550	no	3
		9f0d7712d85b270cf12d2c8599393e157ba ce986			
Warnings:					
Information:					
7 Fee Worksheet (PTO-06)	Fee Worksheet (PTO-06)	fee-info.pdf	30153	no	2
	,		1a9ceee489ce15ff72bcc3b8e45c4bcb1521 de0b		
Warnings:					
Information:					

This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.

New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.